

COUNCIL COMMUNICATION

TO:	THE CITY COUNCIL	COUNCIL MEETING DATE	NO.
FROM:	THE CITY MANAGER'S OFFICE	AUGUST 2, 1989	
SUBJECT:	SPECIFICATIONS FOR THE PURCHASE OF 954KCM ALUMINUM OVERHEAD CONDUCTOR		

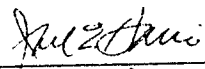
RECOMMENDED ACTION: That the City Council approve the specifications for the purchase of 40,000 feet of 954KCM bare aluminum conductor, and authorize the advertisement for bids thereon.

The bid opening has been set for Tuesday, August 22, 1989.

BACKGROUND INFORMATION: The Electric Utility Department has requested that 40,000 feet of 954KCM Bare Aluminum conductor be purchased to construct three new 60KV overhead lines connecting the new Industrial Substation to the current system.

Estimated cost of this purchase, at current market rates for aluminum, is \$60,000. Funding for this purchase is available within the overall funding for the Industrial Substation project.

Delivery is estimated to be about 14-16 weeks after placement of order.

  
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Joel E. Harris,  
Purchasing Officer

cc: Electric Utility Director  
Assistant Electric Utility Director  
Electrical Engineer

## EQUIPMENT SPECIFICATIONS

### OVERHEAD CONDUCTORS, 953.0 KCM, BARE ALUMINUM (AAC)

#### GENERAL :

This specification is for stranded aluminum overhead conductor, suitable for use in the City of Lodi's 60-kv overhead sub-transmission system.

#### SPECIFIC SPECIFICATIONS:

954.0 KCM all aluminum conductor (AAC), 37 strand, Class AA. Code Name: Magnolia.

#### STANDARDS :

The conductor shall meet the requirements of the latest edition of the applicable NEMA, ASTM and ANSI Standards, unless otherwise noted in this specification.

#### SHIPPING :

Conductor to be shipped on reels. Each end of the conductor shall be firmly secured to the reel, No lagging is required. All shipments shall be prepaid, F.O.B. Lodi, California. Reels shall be shipped upright.

#### REEL MARKING:

Each reel shall be marked with a durable label securely attached to a flange of the reel and plainly marked stating the destination, the purchaser's order number, shipping length of conductor on reel, weight of reel (tare weight), total weight of the conductor on reel, type and size of conductor and code name.

#### MAKE UP AND LENGTHS:

Reels shall be non-returnable and manufactured in accordance with NEMA Standards (Publication #WC26-1984). The reel size to be 66" flange diameter, 28" traverse width and 30" drum diameter. Conductor length on each reel shall be 4,100 feet (nominal).

#### ENGINEERING STANDARD



## CITY OF LODI

ELECTRIC UTILITY DEPARTMENT

OVERHEAD CONDUCTOR, PRIMARY, 954.0 KCM

6-30-89		THOM	ML	APPROVAL	SHEET 1 OF 1	
DATE	DRAWN	CHECKED	SUP. COMM. CHAIRMAN	APPROVAL	REVISION	